

1. Which of the following instruction perform as of indirect RAM to accumulator?
a) MOV A, R_n b) MOV @R_i, A c) MOV A, @R_i d) MOV R_n, A
2. ACALL instruction allows specifying _____ address in the instruction and calling subroutine within _____ program memory block.
a) 2byte, 3K b) 11bit, 2K c) 9bit, 2K d) 1byte, 3K
3. Which of the following instruction perform the move accumulator to external RAM of 16bit address?
a) MOV @ DPTR, A b) MOVX @ Ri, A
c) MOV A, @ Ri d) MOVX @ DPTR, A
4. Which of the following instruction perform jump indirect relative to DPTR
a) JMP A+DPTR b) JMP DPTR
c) JMP @A+DPTR d) SJMP A+DPTR
5. Which of the following instruction is wrong
a) INC DPTR b) MOV @DPTR, A
c) MOV A, @A+DPTR d) DEC DPTR
6. Which of the following instruction is of logical instructions?
i) CPL A
ii) JC rel
iii) DA A
iv) ANL A, R_n
v) RR A
vi) CPL bit
a) i, v b) v, iii, I c) iv, ii d) v, iii, ii
7. What instruction performs Compare immediate to indirect and jump if not equal.
a) CJNE A, #data, rel b) CJNE R_n, #data, rel
c) CJNE @ Ri, #data, rel d) CJNE A, data, rel
8. What is the Result of **RR A** instruction if accumulator contains 1000 0000.
a) 0000 0001 b) 0000 0000 c) 0100 0000 d) 0000 0010
9. MOV 45, #4FH
MOV R0, 45H
INC R0
MOV @R0, #30H
What is the location value of R0 and the content at that place?
a) 45H, 4F b) 50H, 30H c) 30H, 50H d) 50H, 45H
10. Which of the following is of type memory initialized Directive?
i) DS ii) SET iii) DW iv) DBIT
a) i, iii b) ii c) iii d) iv, ii
11. Which of the following is not a program linking directive
i) EXTRN ii) SEGMENT iii) NAME iv) PUBLIC v) USING
a) iv, v b) ii, iiic) i, iii d) ii, v
12. SP of 8051 is of ___ wide and it is loaded with the default value of ___ after reset.
a) 2 byte, 08H b) 8 bit, 07H c) 1 byte, 09H d) 8 bit, 06H
13. Which of the following instruction is used to set bit port directly?
a) SET P1.0 b) MOV P1.0, bit c) SETB P1.0 d) JB P1.0, bit
14. MOV A, #56H
MOV R1, #50H

MOV 50H, # 45H

XCHD A, @R1

What is the result at A, R1?

- a) 56H, 45H b) 45H, 50H c) 50H, 56H d) 45H, 56H

Key:

6.1 C 6.2 B 6.3 D 6.4 C 6.5 B 6.6 A
6.7 C 6.8 C 6.9 B 6.10 C 6.11 D 6.12 B
6.13 C 6.14 D